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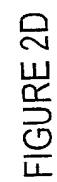
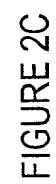
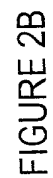
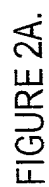
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481  atcaagaaca gccgtgtatc gtctgtttct cgtgtggttg atccccgtt gattgtgaag
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601  catggtgatg cgagagactg ggataattctg cttgccgttg gtgaggtcac gaagtccact
661  gcgggcggca agataactgc gagtatcaaa tgggggagcc ccgtgtcact gaagaagtctt
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```

FIGURE 1A

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1981 cacttctacg ttggcgggta taaaaggagt gatatgccaa ccataagcca cgtgacgggtg
2041 aataatgttc ttctttacaa ccgacagctg aataccgagg agatcaggac cttgttcttg
2101 agccaggacc ttattggcac ggaagcacac atg

FIGURE 1B



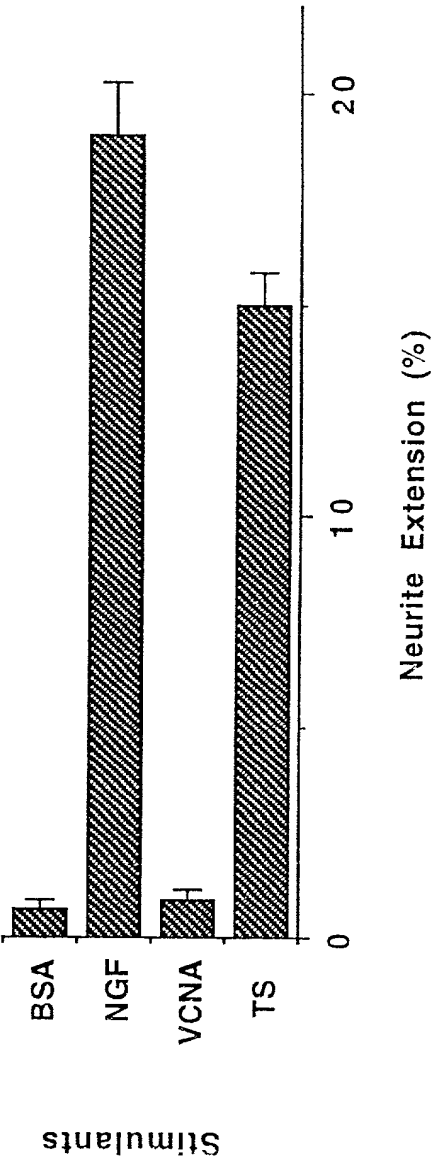


FIGURE 2E

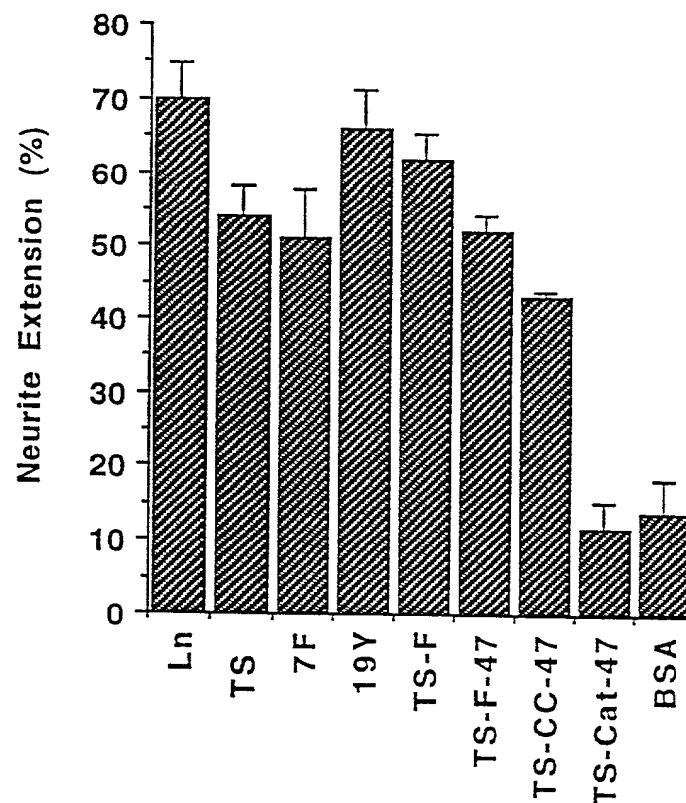


FIGURE 3A

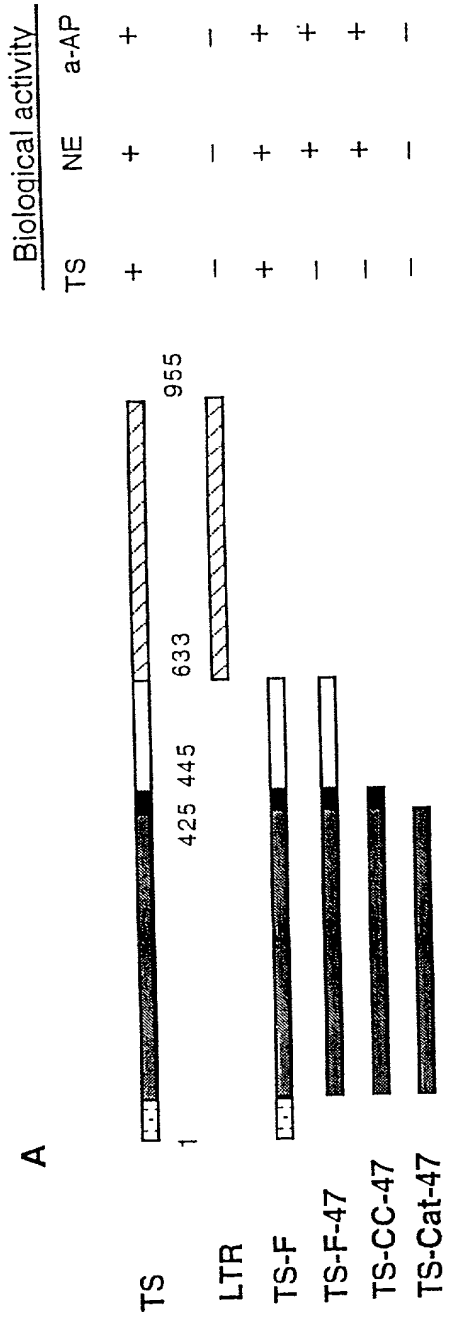


FIGURE 3B

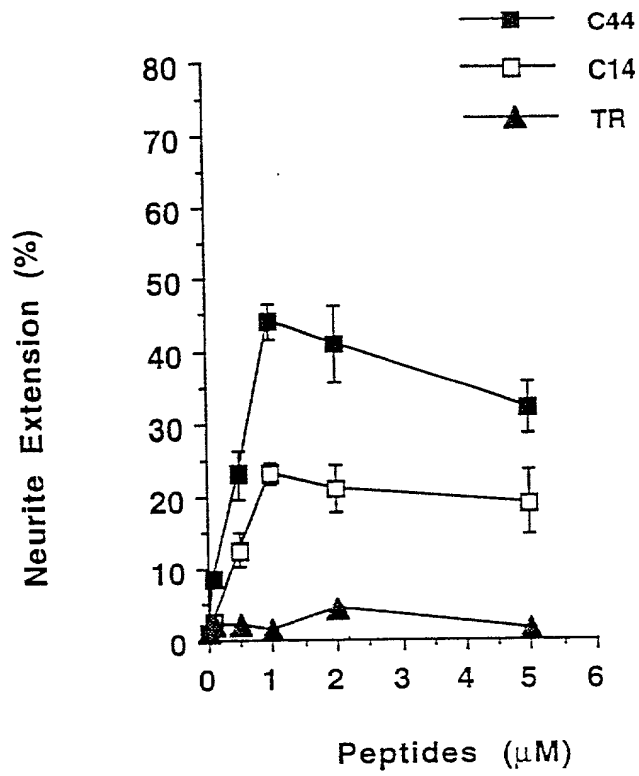
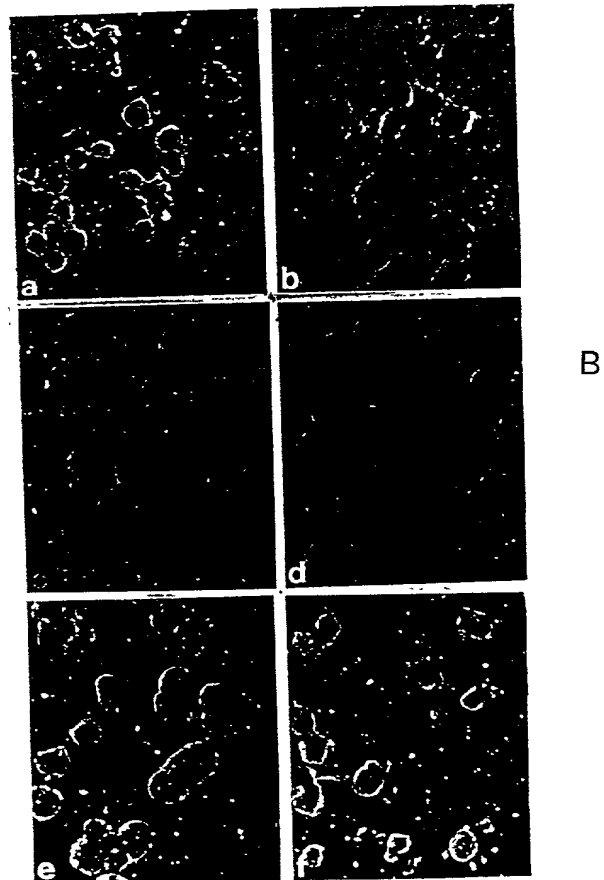
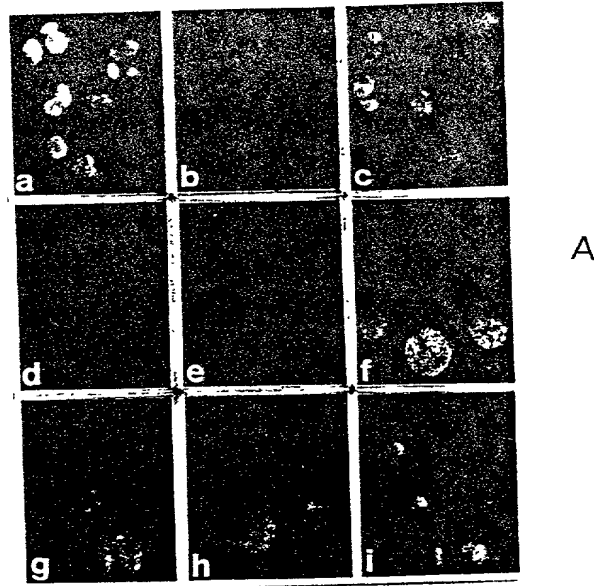


FIGURE 3C



FIGURES 4A - 4B

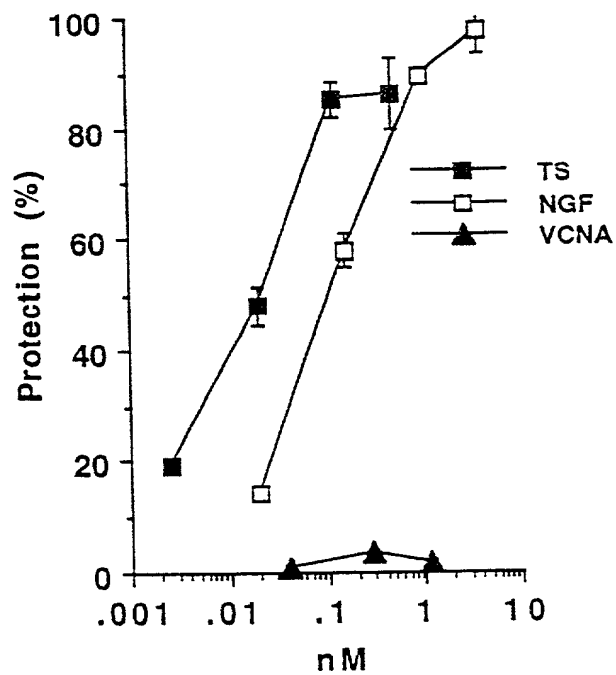


FIGURE 5A

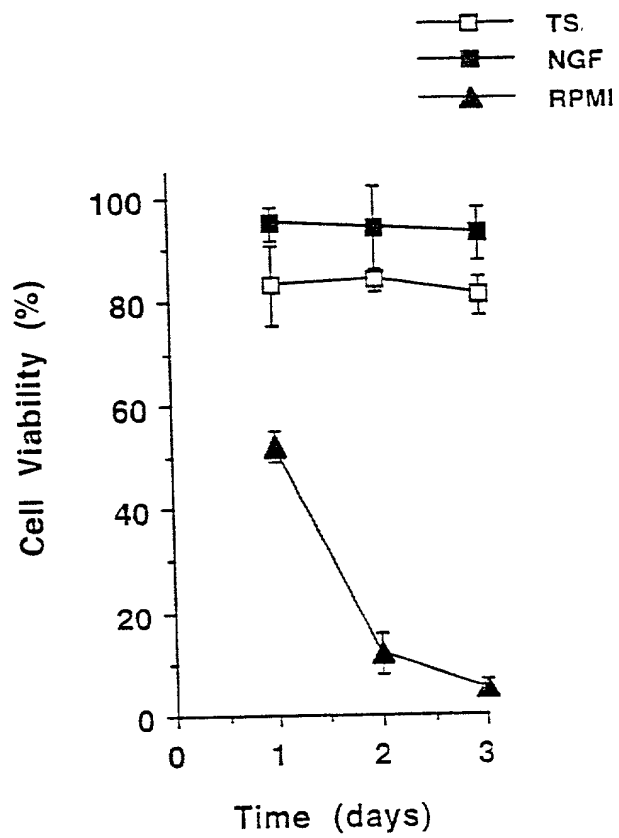


FIGURE 5B

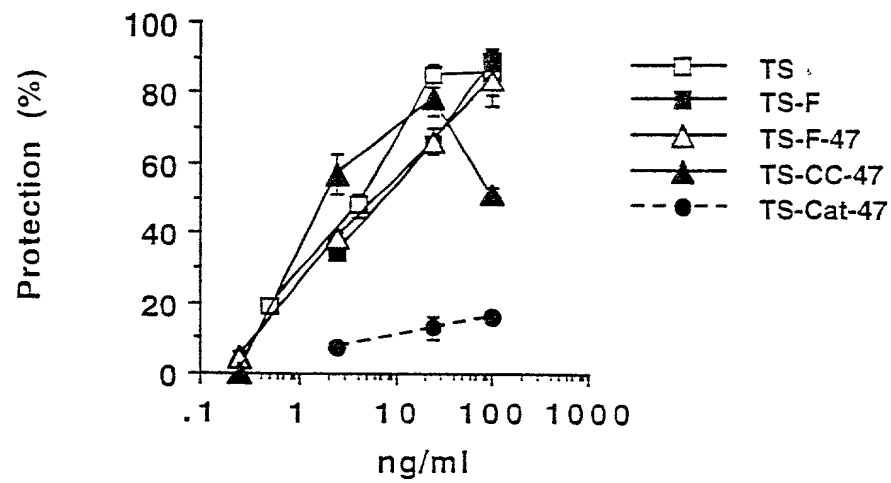


FIGURE 6A

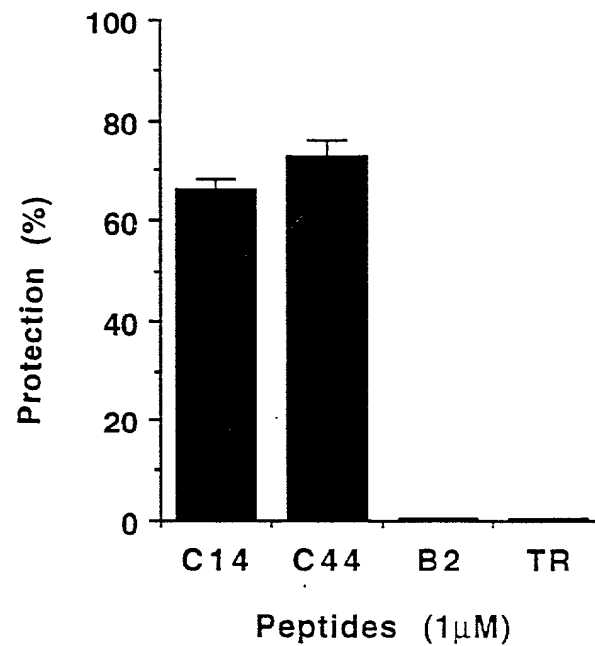


FIGURE 6B

base pairs

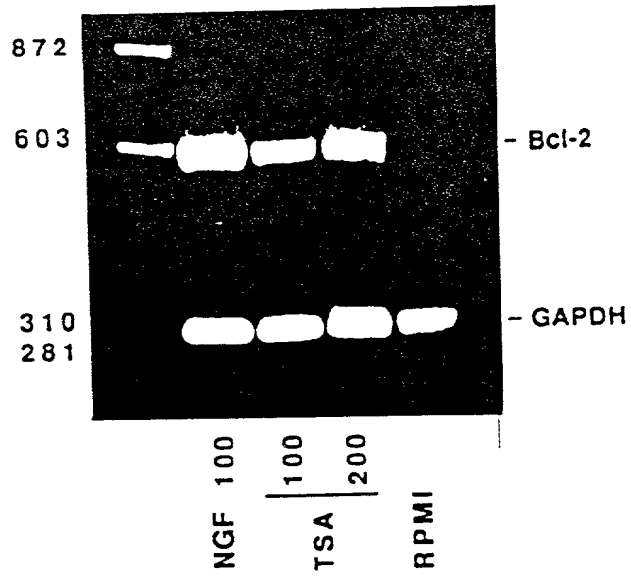


FIGURE 7

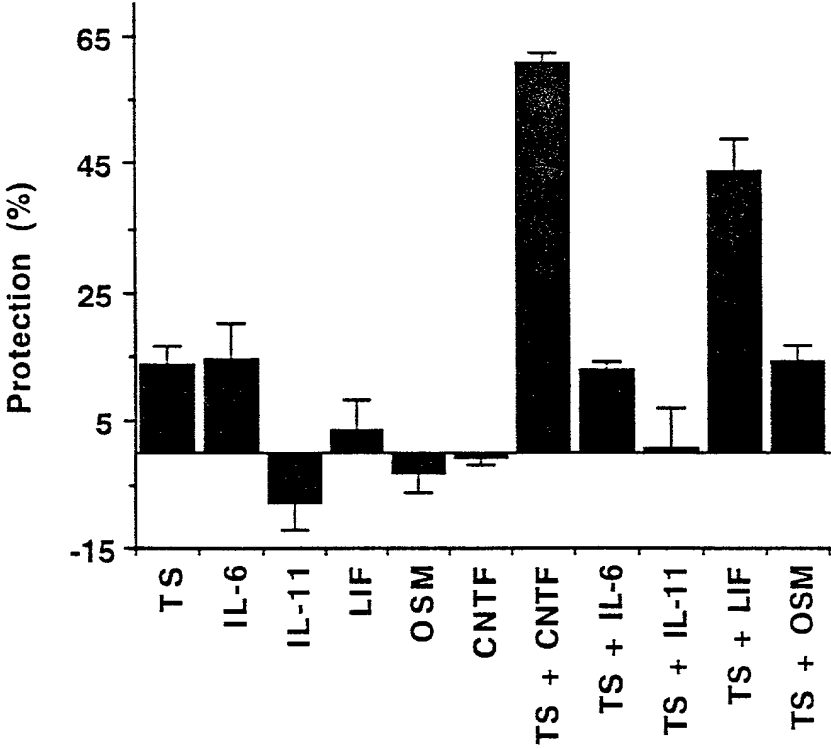


FIGURE 8A

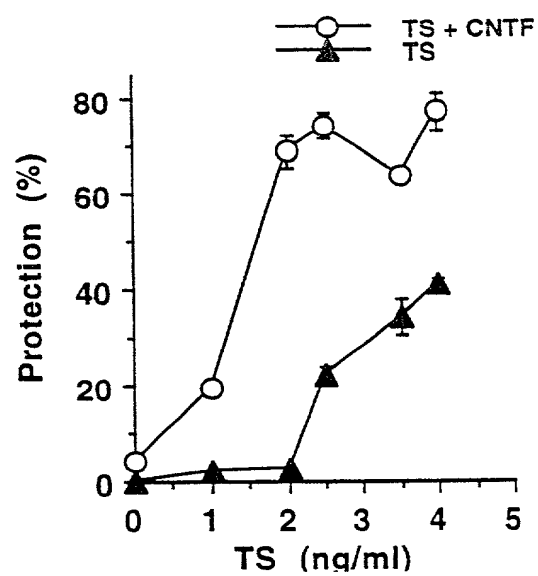


FIGURE 8B

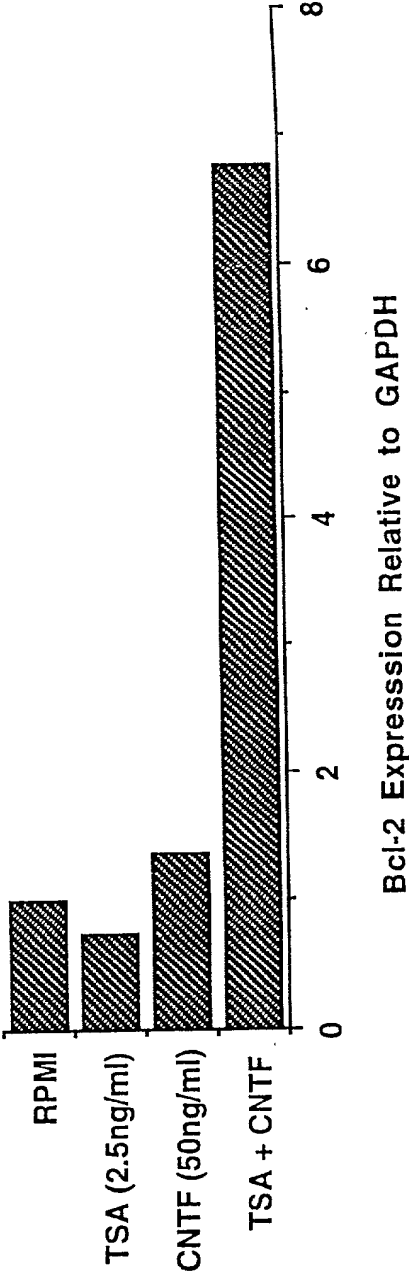


FIGURE 8C

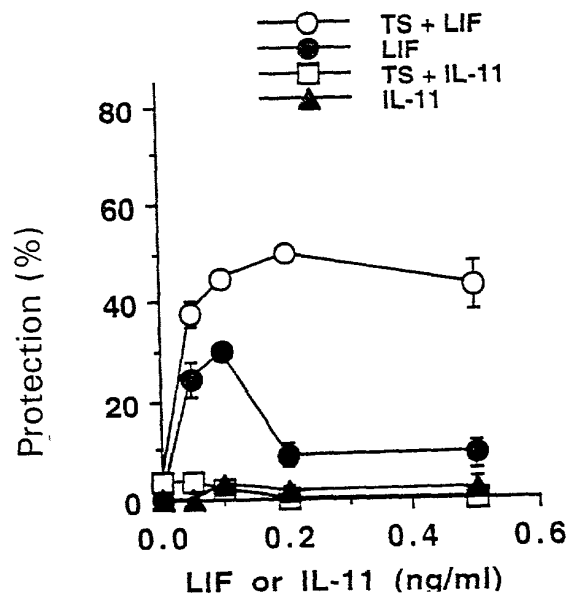


FIGURE 8D

**TS protects human Schwann cells from
serum withdrawal-induced apoptosis**

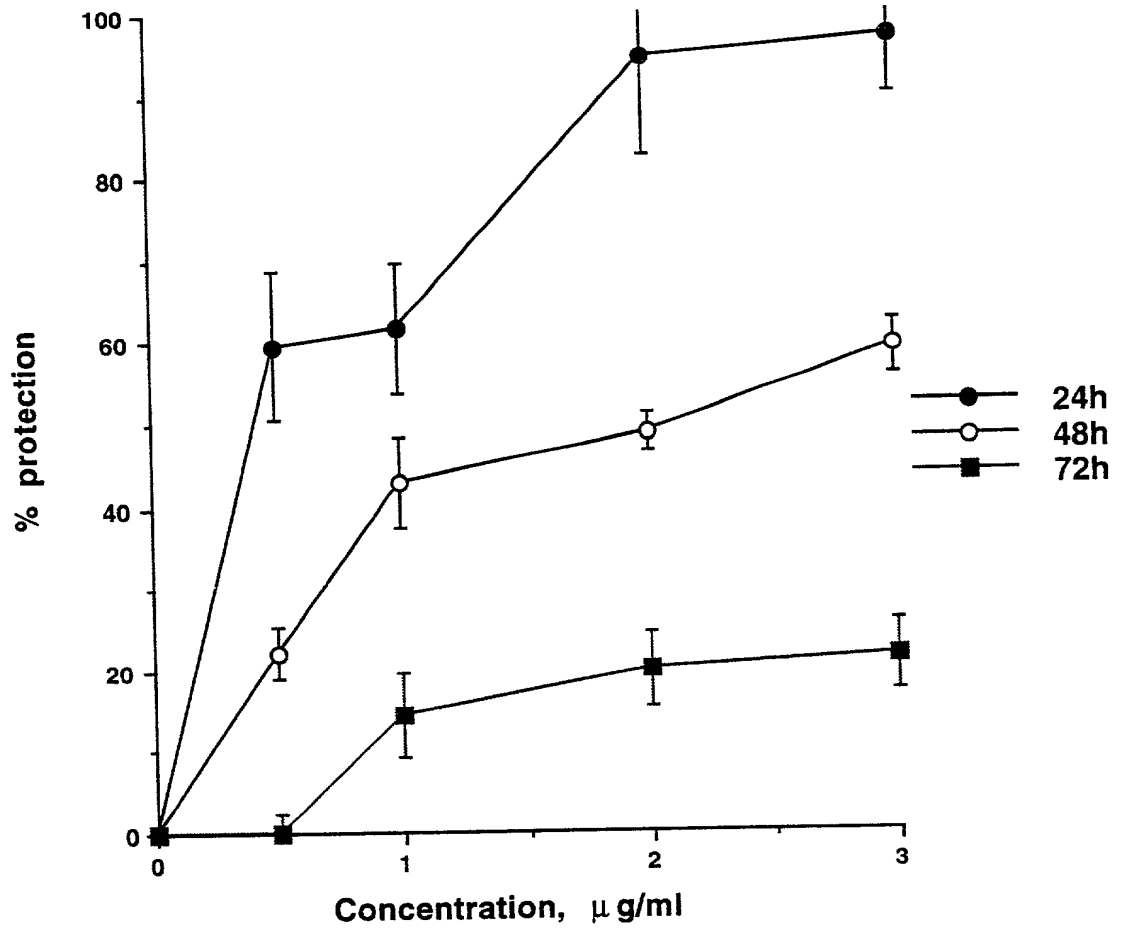
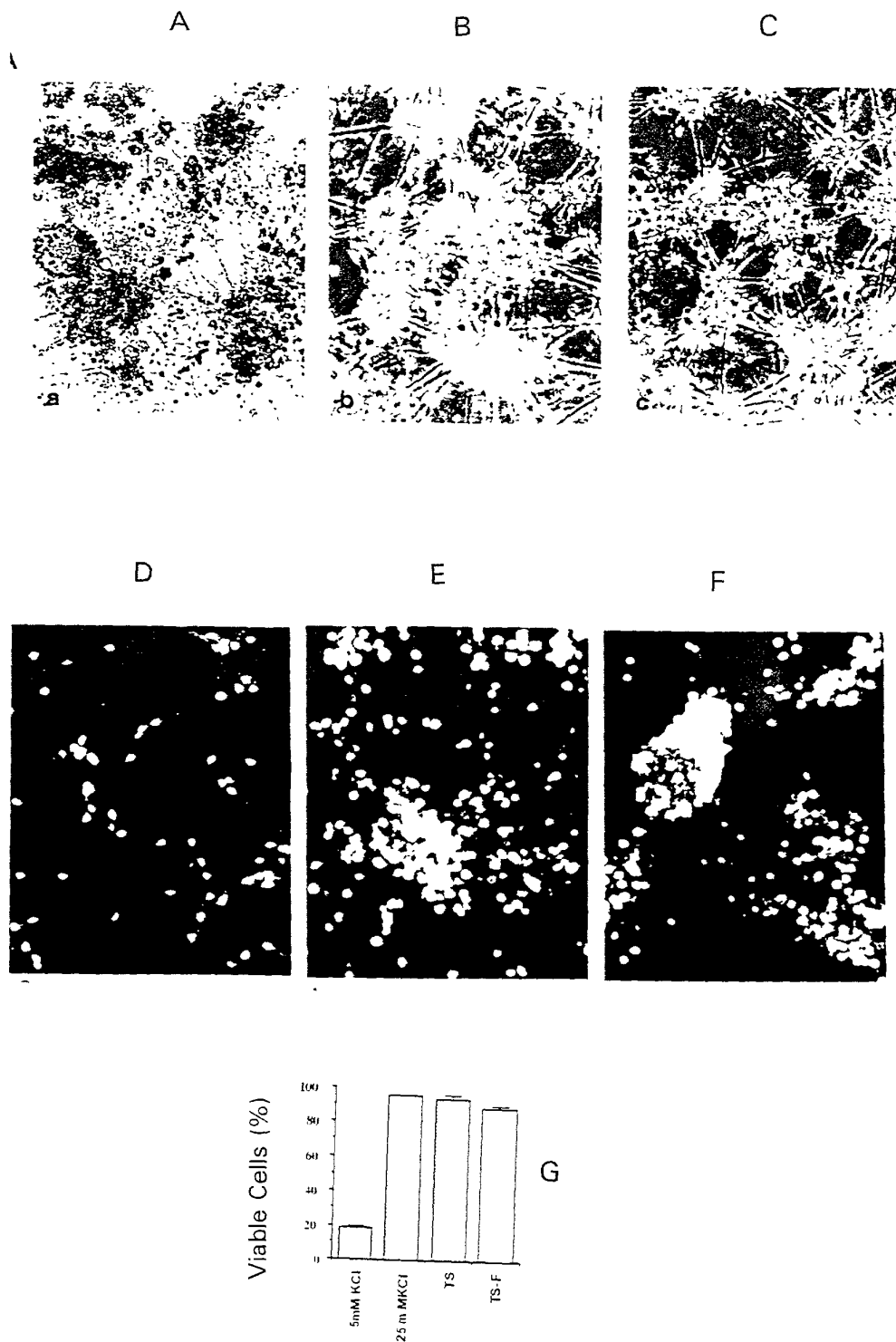
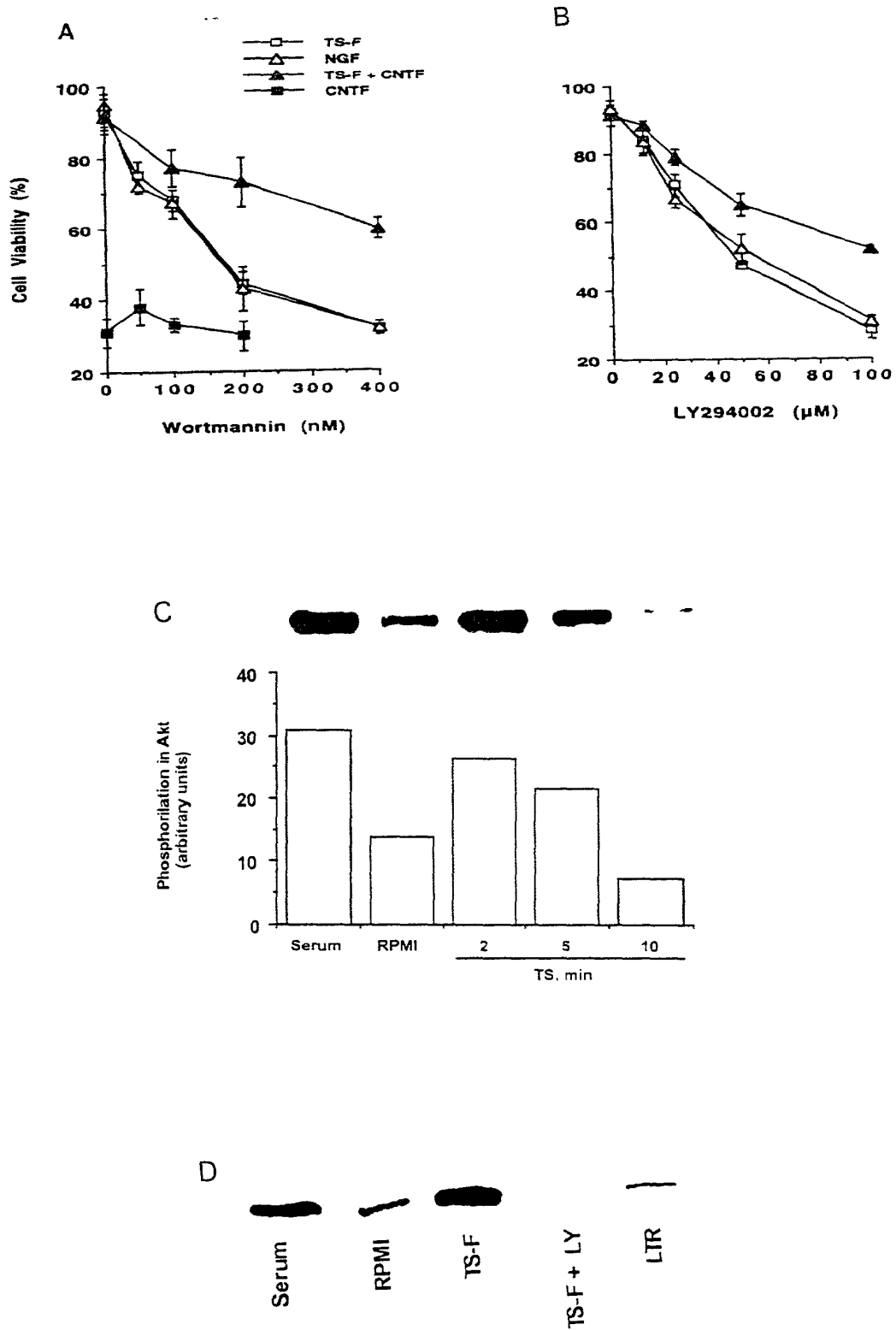


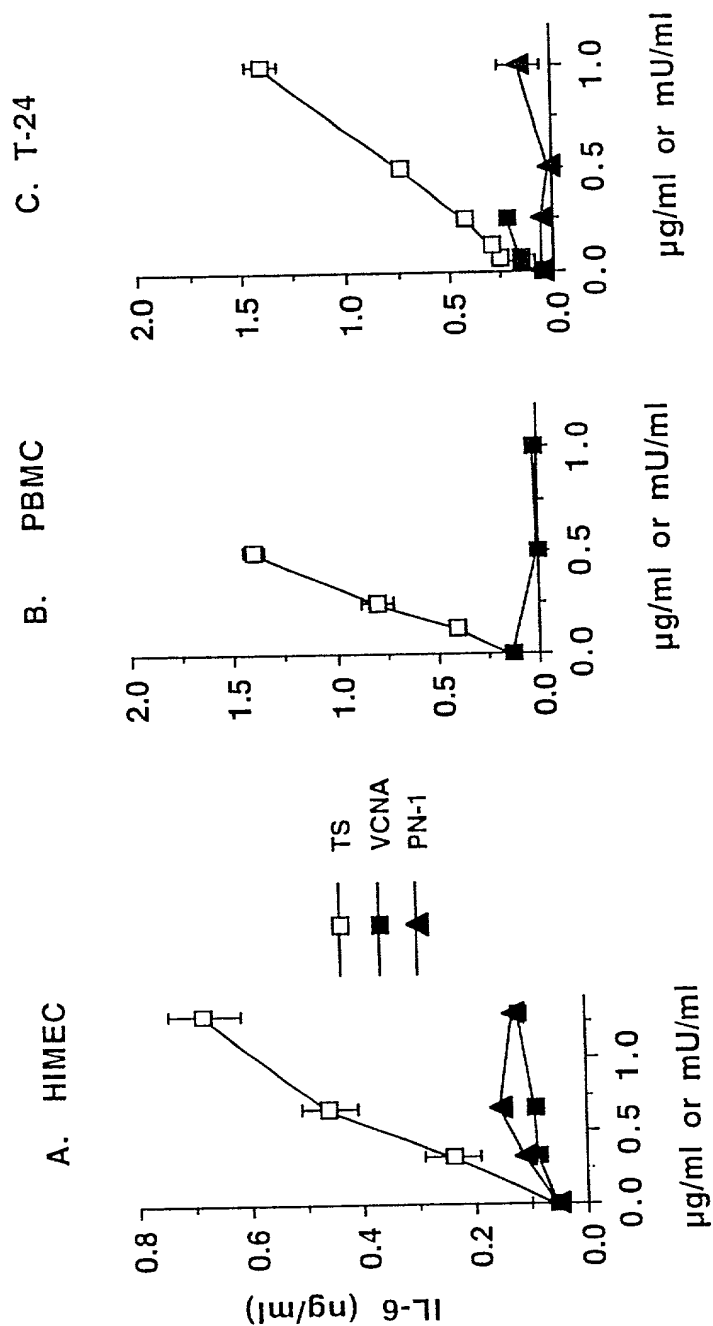
FIGURE 9



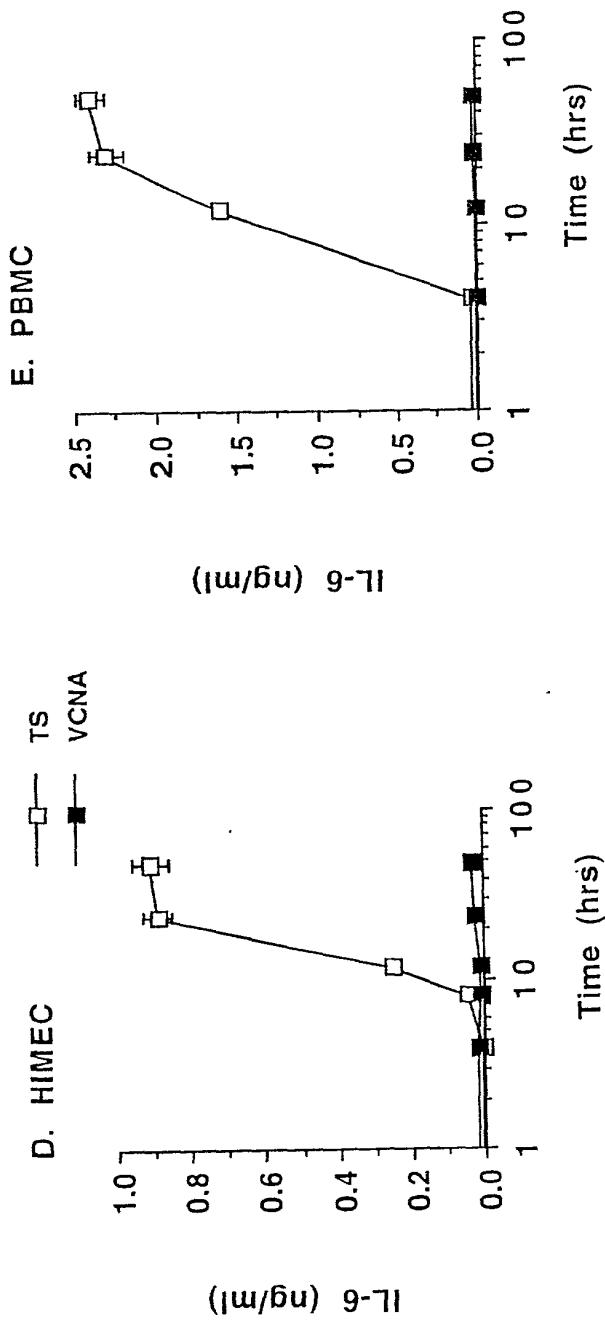
FIGURES 10A - 10G



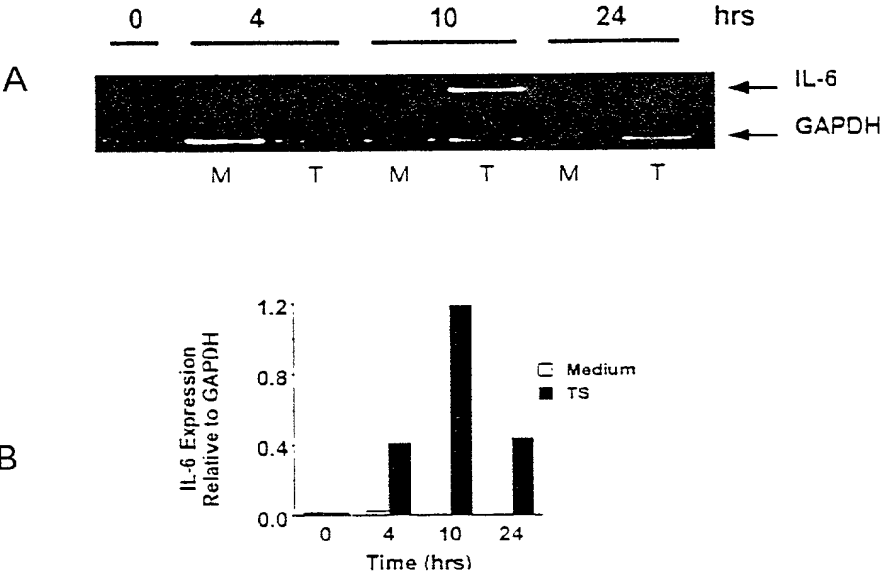
FIGURES 11A - 11D



FIGURES 12A - 12C



FIGURES 12D - 12E



FIGURES 13A - 13B

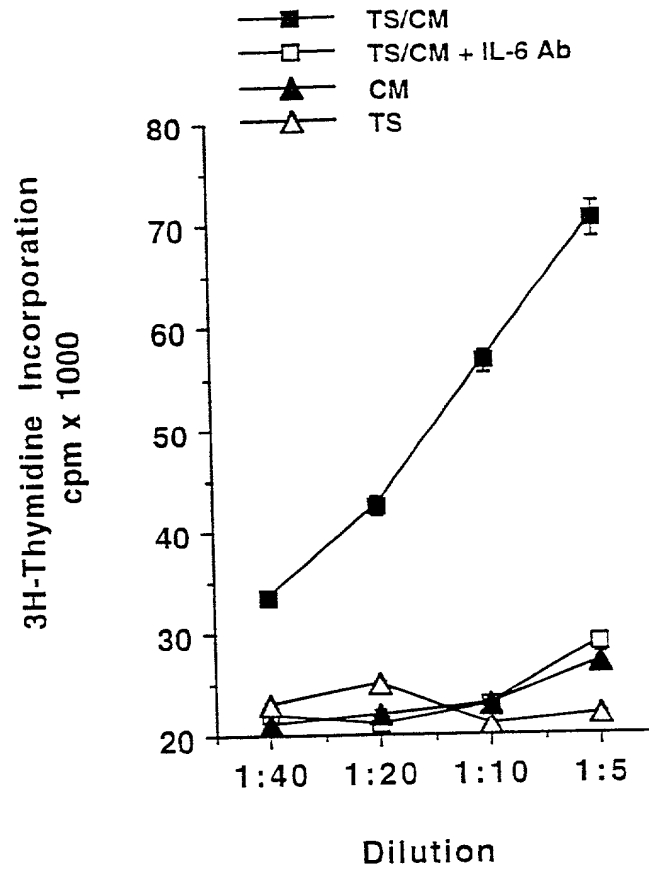
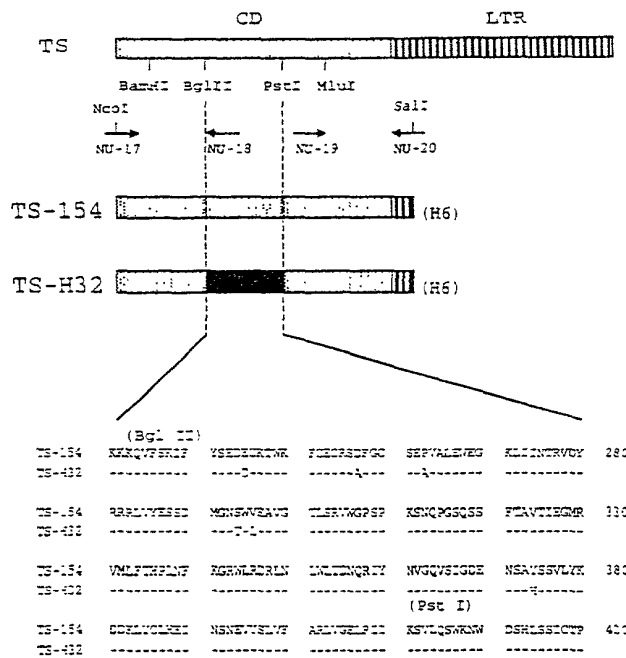
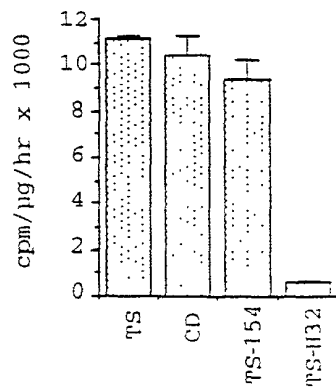


FIGURE 14

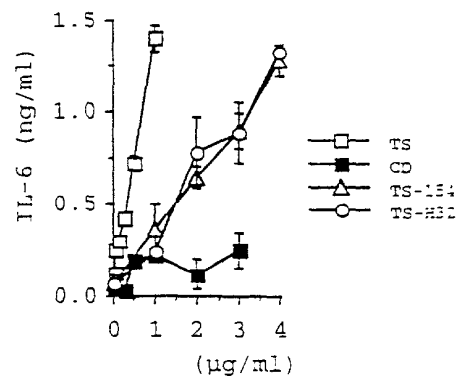
A Schematic diagram



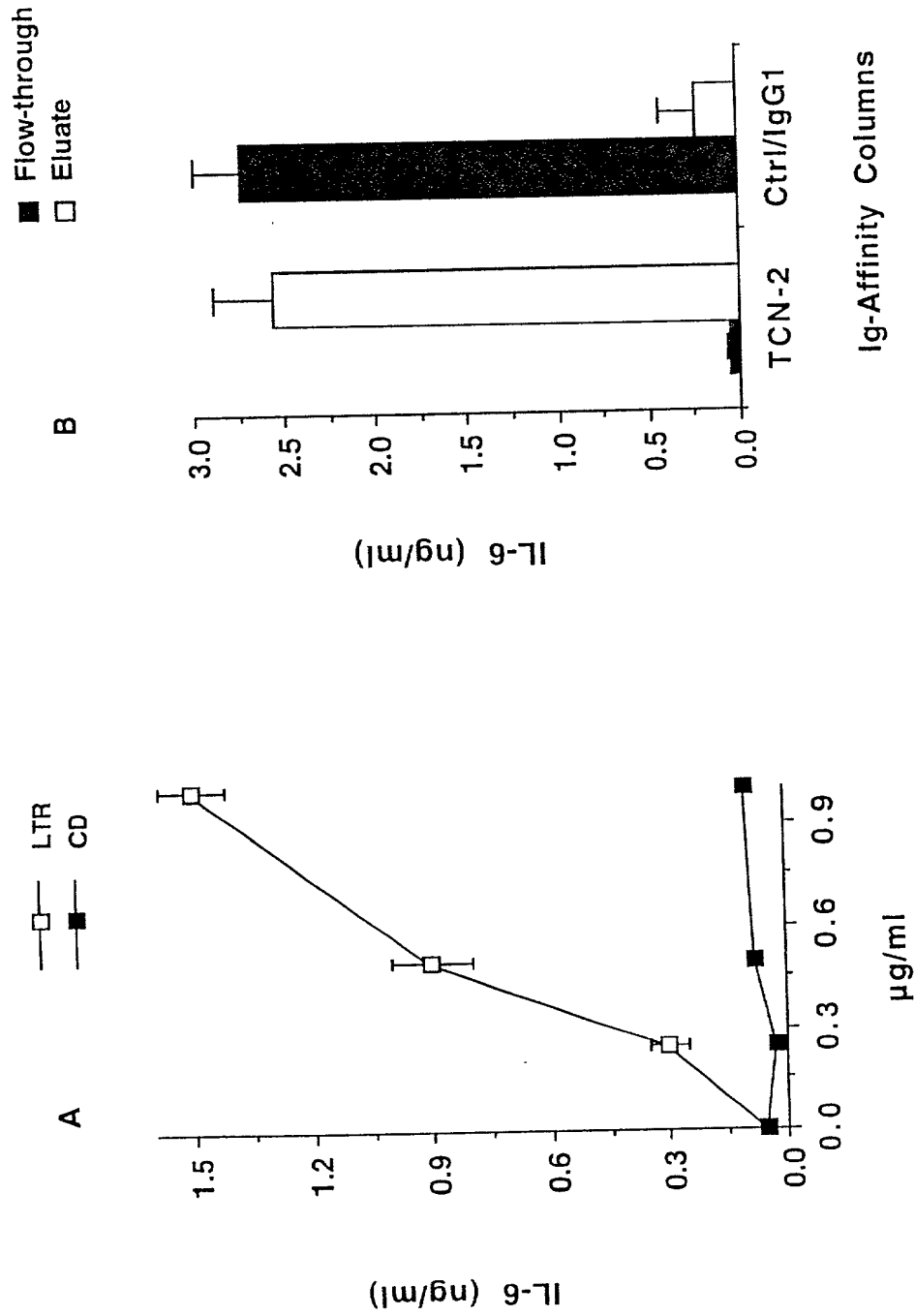
B Catalytic Activity



C IL-6 secretion



FIGURES 15A - 15C



FIGURES 16A - 16B

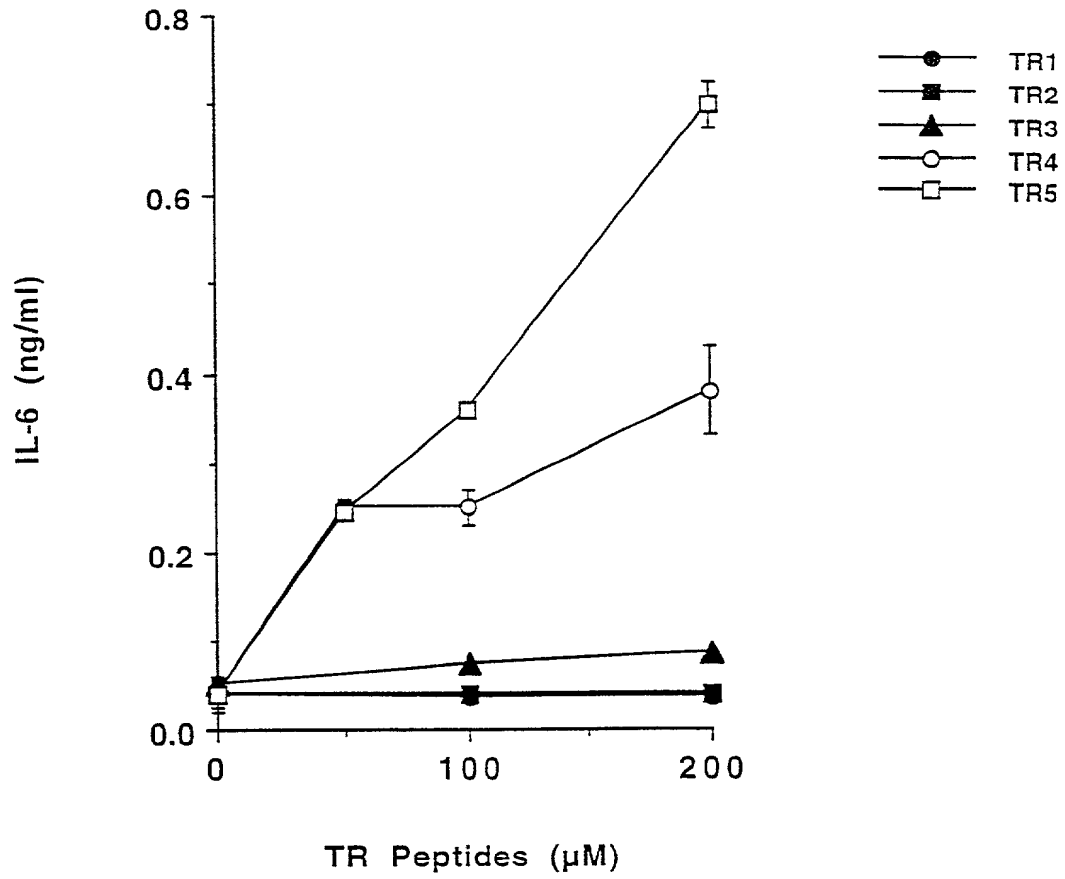
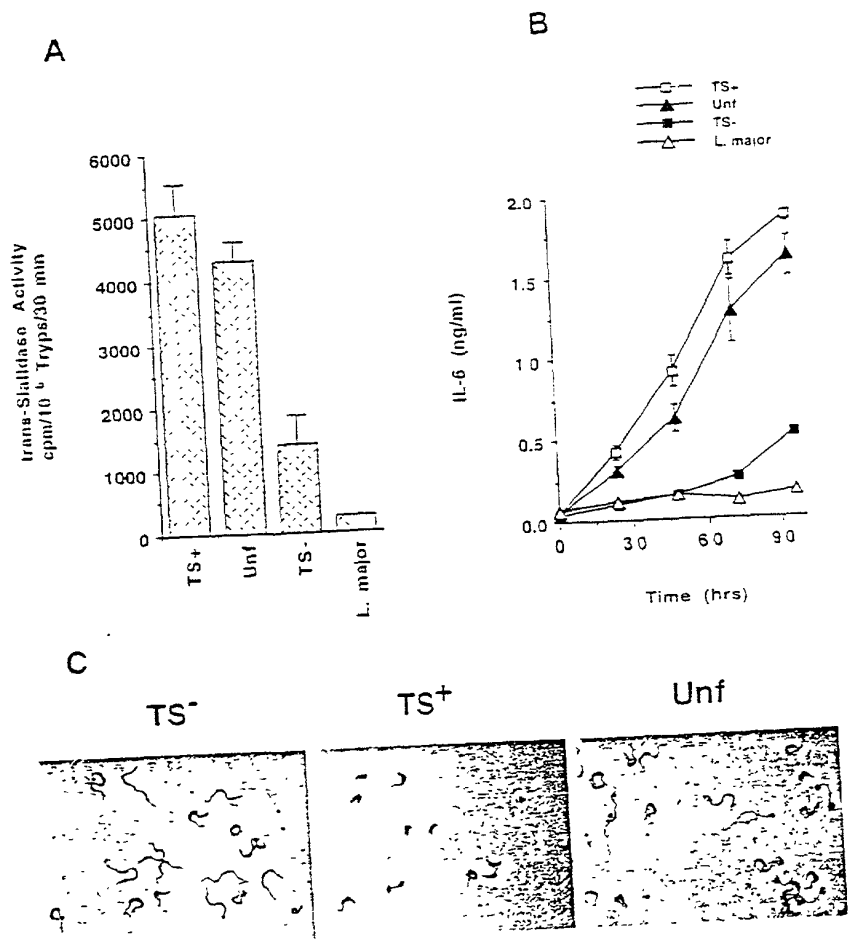


FIGURE 17



FIGURES 18A - 18C

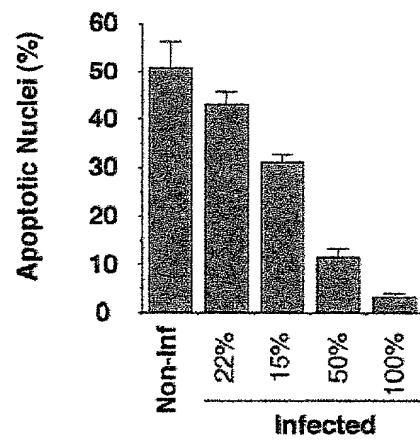
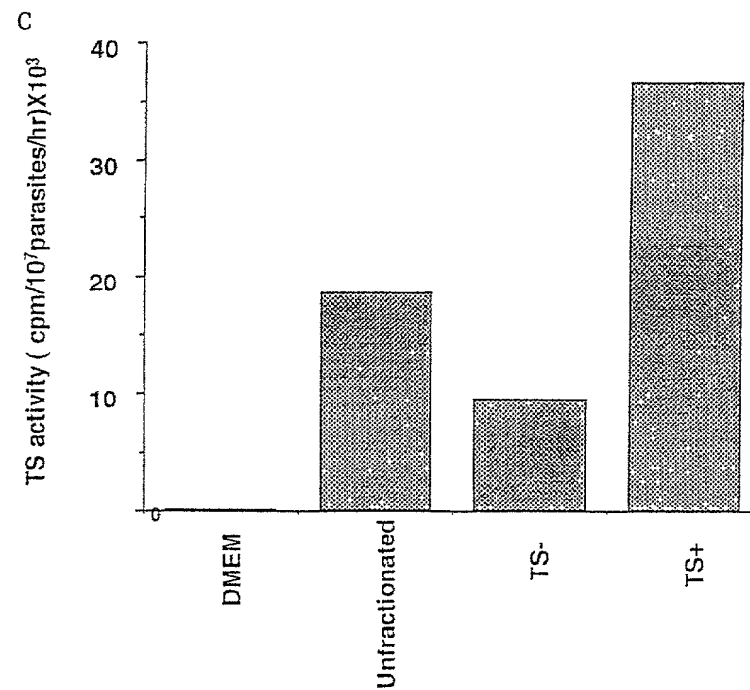
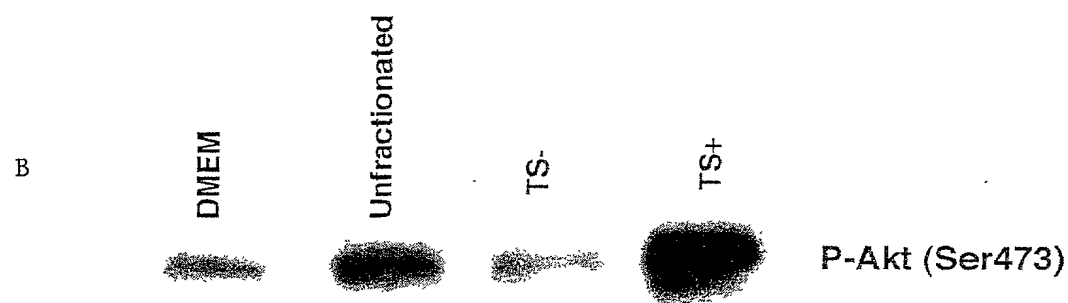
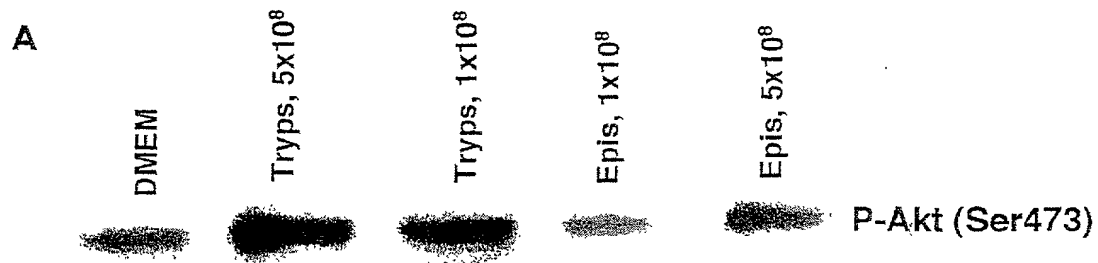
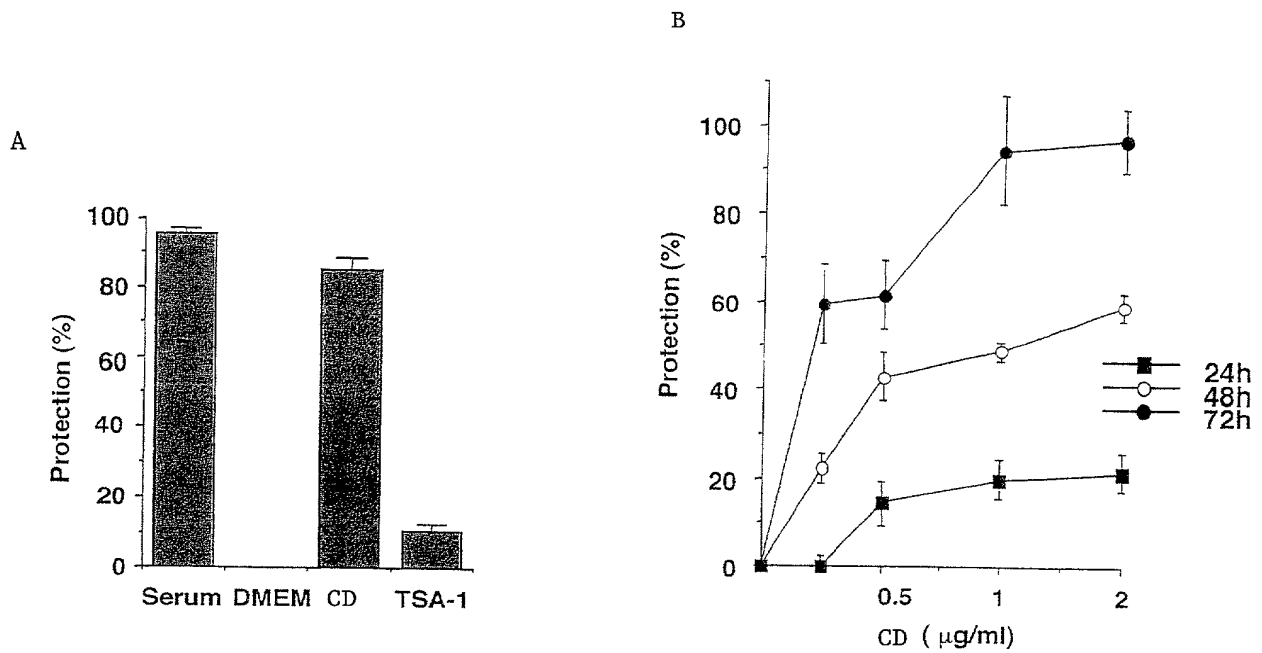


Figure 19

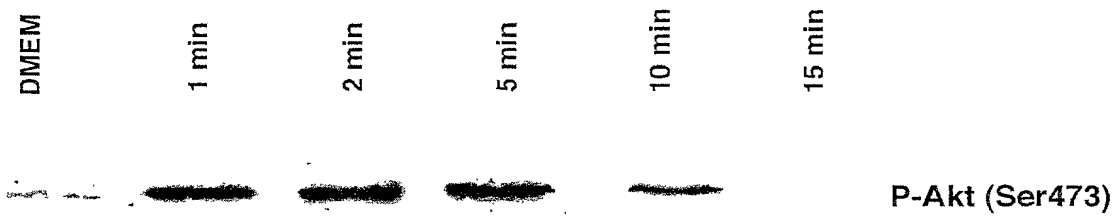


Figures 20A-20C

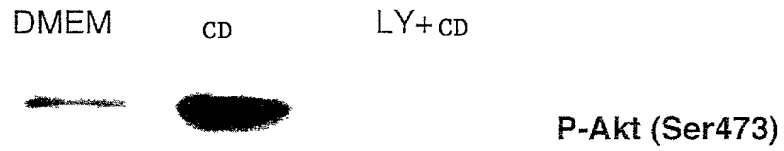


Figures 21A and 21B

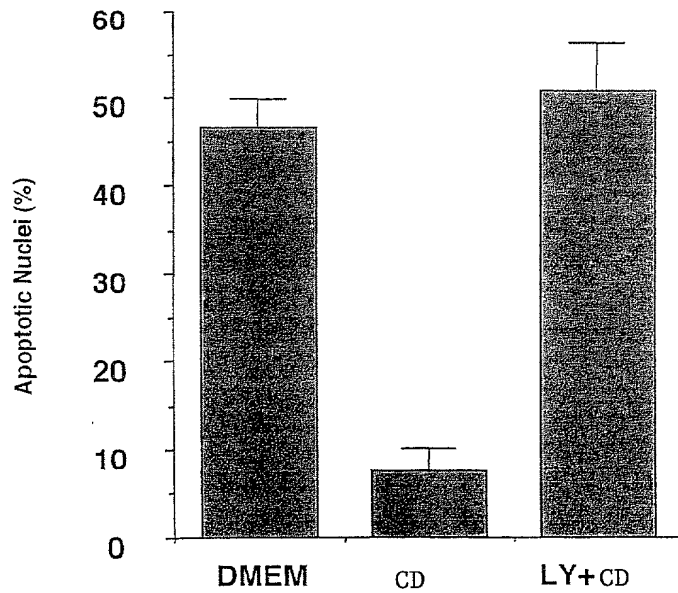
A



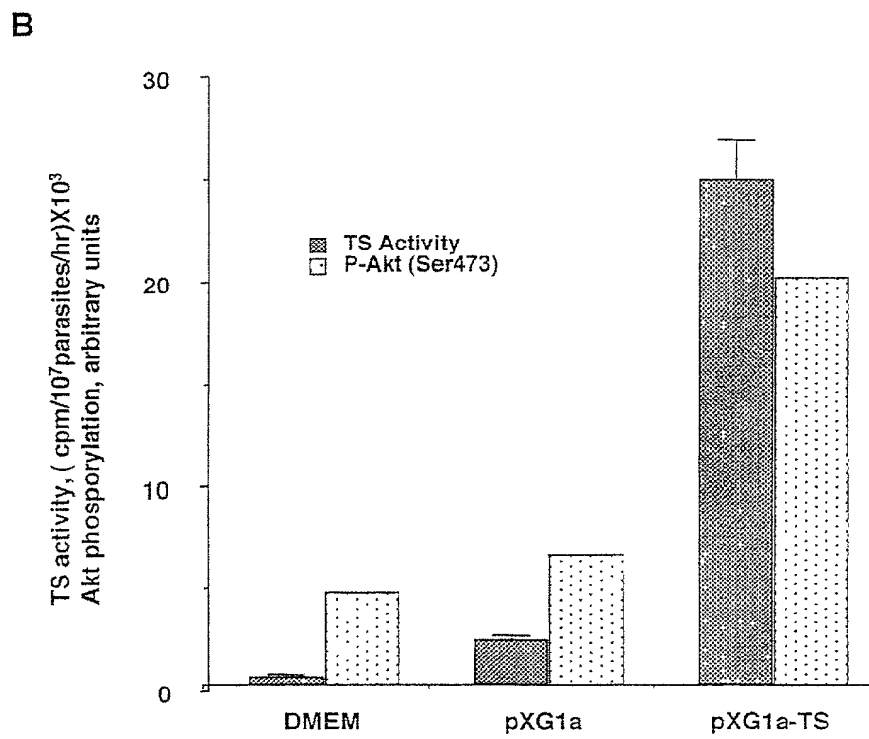
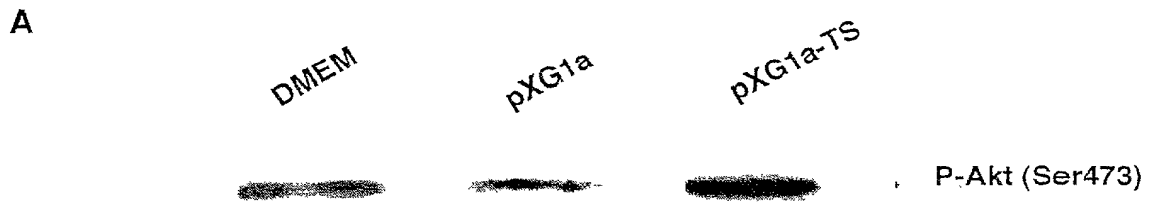
B



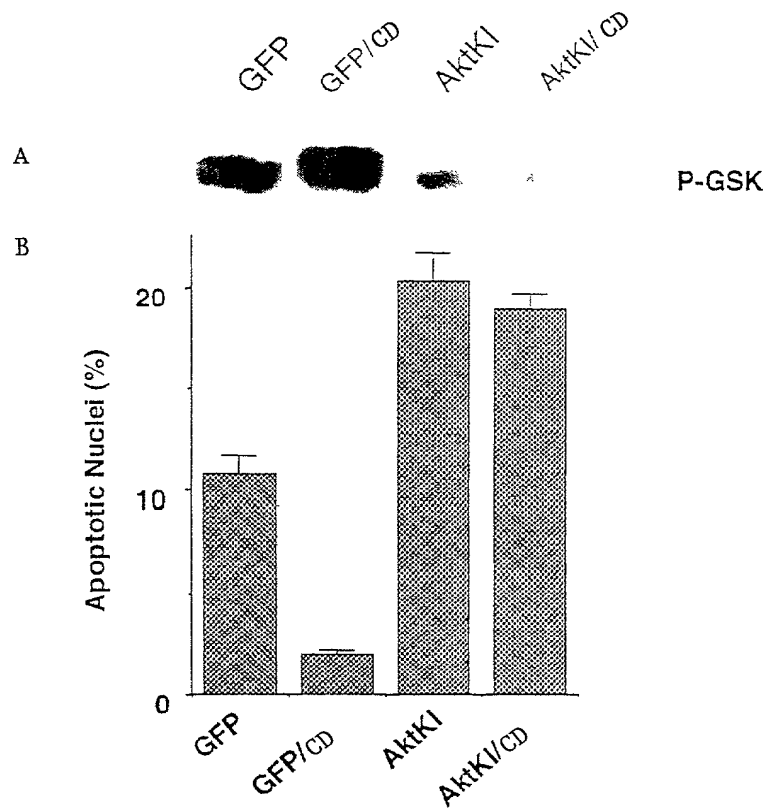
C



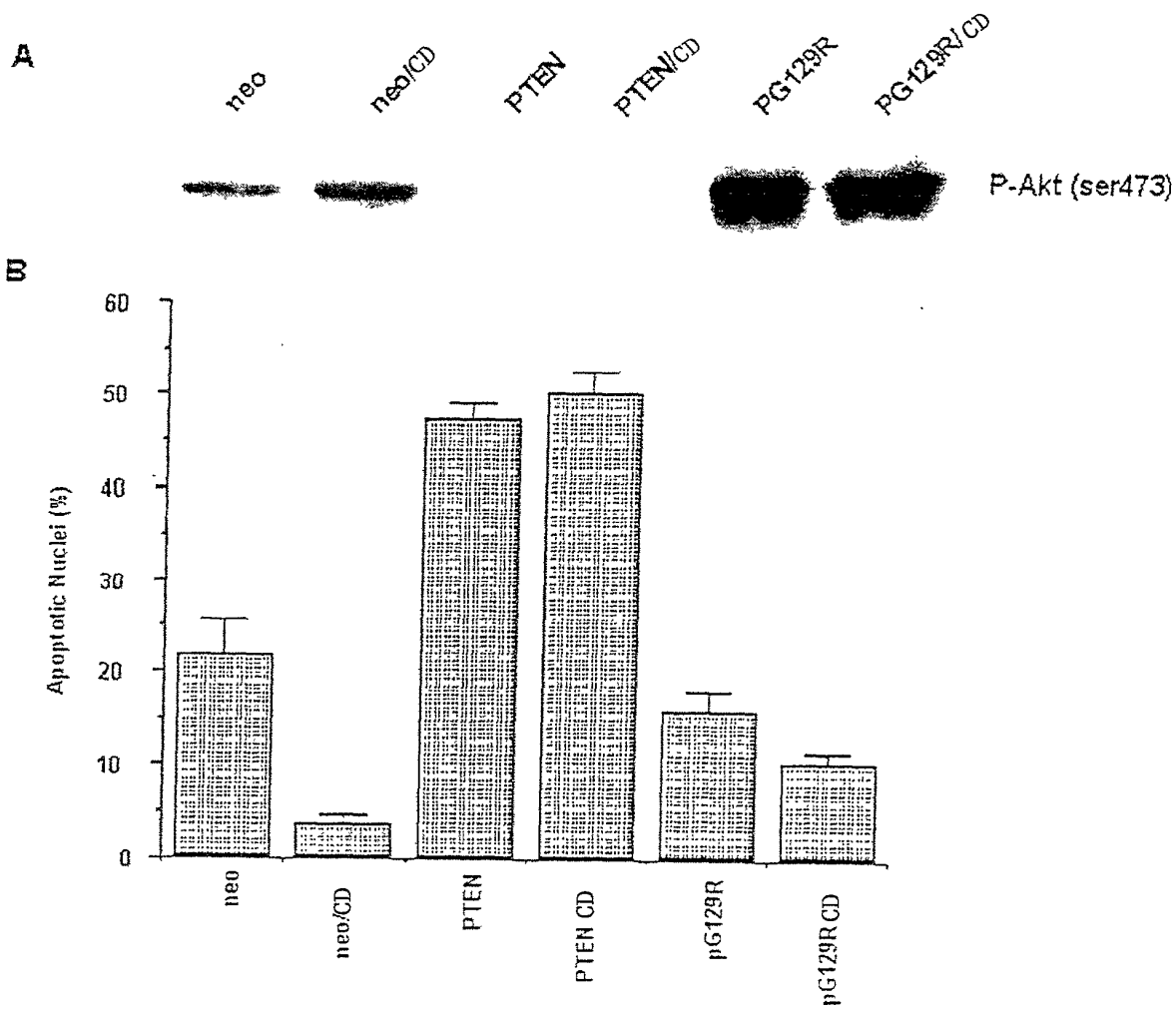
Figures 22A-22C



Figures 23A and 23B



Figures 24A and 24B



Figures 25A and 25B

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 61 CACAATTGCG TGCTGTCCGC GGGCGGTACC CGGCGCTTTG AGCCCCACGC GACTTGTGTG
 121 TTCCCTTTTC TCTTCCCACT TTCTCCGCGG CAATCCCCCT GCAAAGAGAC GATCTTGACA
 181 CCATTGTTTT AGGCATAATA GAAGTTCTAC AAACAACGCC CGAAGGACAC ACAGGCAGGC
 241 ACCGACTACG ATGGGGAAAA CAGTCGTTGT GGCCAGTAGG ATGTTCTGGC TAATGTTTTT
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 361 GAGCCGAGTT GAGGGTTTAA GCGTAAGAAT TCGACGGTGC CGTTTGAAGA CAAGGCCGGC
 421 AAAGTCACCG AGCGGGTTGT CCACTCGTTC CGCTTCCCCG CCCTTGTTAA TGTGGACGGG
 481 GTGATGGTTG CCATCGCGGA CGCTCGCTAC GAAACATCCA GTGAAAACCTC CCTCATTGAT
 541 ACGGTGGCGA AGTACAGCGT GCACCATGGG GAGACGTGGG AGACCCAAAT TGCCATCAAG
 601 AACAGCCGTG TATCGTCTGT TTCTCGTGTG GTGGATCCCA CCGTGATTGT GAAGGGCAAC
 661 AAGCTTTACG TCTGGTTGG AAGCTACTAT AGTTCGAGAA GCTACTGGTC GTCGCATGGT
 721 GATGCGAGAG ACTGGGATAT TCTGCTTGGC GTTGGTGAGG TCACGAAGTC CACTGCGGGC
 781 GGCAAGATAA CTGCGAGTAT CAAATGGGGG AGCCCCGTGT CACTGAAGAA GTTTTTTCCG
 841 GCAGAAATGG AAGGCATGCA CACAAATCAA TTTCTTGCGG GCGCGGGTGT TGCCATTGTA
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 1561 CGTCAGAGAG TGGTTGTGGT CCGCTGTCA CCACGTTGG TCTTGTGGC TTTTGTGGC
 1621 CAACGCCTCC CAAAACGTAT GGGAGGATCG TACCGCTGCG TCAACGCAAG CACGGCAAAAT
 1681 GCGGAGAGGG TTCGGAACGG TTTGAAGTTT GCGGGGGTTG GCGGAGGAGC GCTTTGGCCC
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 1801 GCGTCGGTCA CGATTACGA GGCTCCGAGG GCCGCGAGTC CCTTGCTGGG TGCAGCCTG
 1861 GACTCTTCTG GCGGCAAAAA ACTCCTGGGG CTCTCGTACG ACGAGAAGCA CCAGTGGCAG
 1921 CCAATATACG GATCAACGCC GGTGACGCCG ACGGGATCGT GGGAGACGGG TAAAAGGTAC
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 3001 CCCTCAACTC CCGTTGACAG CAGTGCCAC AGTACGCCCT CGACTCCCGC TGACAGCAGT
 3061 GCCCACAGTA CGCCCTCAAC TCCCGCTGAC AGCAGTGCCC ACGGTACGCC CTCAACTCCC
 3121 GTTGACAGCA GTGCCACAG TACGCCCTCG ACTCCCGCTG ACAGCAGTGC CCACAGTACG

Figure 26A

3181	CCCTCAACTC	CCGTTGACAG	CAGTGCCAC	AGTACGCCCT	CAACTCCCGC	TGACAGCAGT
3241	GCCCCACGTA	CGCCCTCAAC	TCCCGTTGAC	AGCAGTGCCC	ACGGTACGCC	CTCGACTCCC
3301	GCTGACAGCA	GTGCCCCACAG	TACGCCCTCG	ACTCCCGCTG	ACAGCAGTGC	CCACAGTACG
3361	CCCTCGACTC	CCGCTGACAG	CAGTGCCAC	AGTACGCCCT	CAACTCCCGT	TGACAGCAGT
3421	GCCCCACAGTA	CGCCCTCAAC	TCCCGCTGAC	AGCAGTGCCC	ACAGTACGCC	CTCAACTCCC
3481	GCTGACAGCA	GTGCCCCACAG	TACGCCCTCG	ACTCCCGCTG	ACAGCAGTGC	CCACAGTACG
3541	CCCTCAACTC	CCGTTGACAG	CAGTGCCAC	AGTACGCCCT	CAACTCCCGC	TGACAGCAGT
3601	GCCCCACGTA	CGCCCTCGAC	TCCCGCTGAC	AGCAGTGCCC	ACAGTACGCC	CTCGACTCCC
3661	GTTGACAGCA	GTGCCCCACAG	TACGCCCTCG	ACTCCCGCTG	ACAGCAGTGC	CCACGGTACG
3721	CCCTCGACTC	CCGCTGACAG	CAGTGCCAC	AGTACGCCCT	CGACTCCCGC	TGACAGCAGT
3781	GCCCCACGTA	CGCCCTCGAC	TCCCGCTGAC	AGCAGTGCCC	ACAGTACGCC	CTCAACTCCC
3841	GCTGGCAGCA	GCGCCAATGG	TACGGTTCTG	ATTTTGCCCG	ATGGCGCTGC	ACTTTTCGACC
3901	TTTTCGGGCG	GAGGGCTTCT	TCTGTGTGCG	TGTGCTTTGC	TGCTGCACGT	GTTTTTTTATG
3961	GCAGTTTCT	GATGTAGTGA	GAGAGTCTCC	TAACAAATGT	AGATAAATTC	ATAATTGTGG
4021	TGTGAACCGT	TGGGTAAAT	GTGTGTGTGC	GCTCTCATAA	GGAAATGATT	TCCAGTAATG
4081	TTTTTTTTTT	GTTCTCGAAC	ATTTTGAATA	AATCTGCAGA	CAGATGGGGA	CGCGTAATTT
4141	GAATTTGTTT	TTCAGCGTTC	TTTTGTCACT	GGCCCTTGT	TAAAGTGGA	CCGCGTTGCA
4201	ATGCGGCGAG	GGCATTCTC	TGTTTTGATT	TCCTTCTTTT	TCTCCTTTGT	GTTTCTTCAA
4261	TTTGACGGTT	TGCACGCTGT	GCGGTGGAGC	GTTTTCCCTT	GTGAAATAAG	GGCCAACATG
4321	TTACAGTGG	CACGAGGGCG	CTCAAGAGAT	CCGCGGGTCG	CCAGTGACTC	ACTTTGTGTG
4381	GCGCAGCTCG	AGGAGGTGTC	TGGCTGCTGT	GGGGGCCTCG	ATGGTTGCCA	CTTCGCGAGT
4441	TTGCAACGAG	CGTGCTTCTC	GCGGAGGGAG	CAGGCGAAAT	ATTTTGTTTT	TTTTTTTTTGT
4501	TTTTTTTGT	TTTTTGT	TGTGTGTGTG	TGTAAGTTT	GTTTCAGTCT	CCCTTGAAC
4561	GGGGGACGTT	GGGCTTAATG	GACCAAACTC	TGATTCCCTT	AAAACCTTCT	TTGTTGGTTT
4621	TCTTTTGT	TTGTTTTTGT	GCTGCTGATT	TGCACGCTTT	CTCACTGTCA	CCGAAGCGCG
4681	GCGGCGGTGT	TTGAGTGCCC	CCTCACGCTG	CTGCTGTGGA	ATTTGCGTTG	CTTGCGGACA
4741	TTTCTGTTGG	GTGCGATTGC	TTTCTACTTC	GTTTTTTATT	TTTGTGGTTT	GGTGGAGGGG
4801	AGTGTGCAGC	AGGGGGCGGG	CCGAGATGCC	TGTGGAGACA	GCGACGTTGC	GGGGACTCTC
4861	TCTCGGCCCTC	GTCATTCAAC	AATCCATTGC	GCAGCAGGTT	GCCACGAACA	CCAGCACCAA
4921	TAATTTGTT	TTTCCCCACT	ATTACCGGCG	CGTCTAGCCG	CACGATGCCA	TCTGGGTGCC
4981	GAGGAGGCGG	TTGAGCAGCG	GAAAAGGCTT	CCTGCTATGA	AGCGACTGCC	ATTGAGAGAA
5041	CTTTTAGCTG	CCTGGATCTT	CCTCAATGCC	CAGCCGTTGG	CGCGCAGCGG	AGGTGCCTGG
5101	GCATTCTAGG	AGCAGATGGC	GAAAGGTTTC	CTGCGCGTCA	ACTGGCGTGT	CTGTGGAGGT
5161	TGGCTATCCT	CAGTCGGGAG	ACCGCCTCCT	GGCACCACAG	AACGGGTAGC	GGTAGTGTCT
5221	TGGCGAATAG	TACAACGCCA	CTTGTGTCTG	ACTGGGCAGT	AAAGCATGTC	AGCGGGTCCG
5281	TGTGCCATAC	GGGCGCATTC	CATGTTCCGT	GTGTTGTCCG	GTTGCCATGG	TCTGCGTCCG
5341	ATGCTGAGCC	GCAGGCTCGT	CAACATGCAC	TCCACAATGT	CCGTAAGAAA	ACTCCCGGTG
5401	CAC					

Figure 26B

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1 mvaiaadarye tssensliddt vakysvddge twetqiaikn srvssvsrvv dptvkvgnk
61 lyvlvgysys srsywsshgd ardwidllav gevtkstagg kitasikwgs pvsllkffpa
121 emegmhtndf lggagvaiva sngnlvypvq vtnkrkqvfs kifyseddgk twkfgkgrsd
181 fgcsepvale wegkliintr vdwkrrlve ssdmekpwve avgtvsrvwg pspksnqpgs
241 qtsftavtie gmrvmflthp lnfkgrcvrd rlnlwltdnq rlynvqvsi gdensayssv
301 lykddklycl heintdevys lvfarlvgel riiksvlrsw knwtatcpaf aplliqlrr
361 qrvvvvplsp rlvllafrq rlpkrmgssy rcvnastana ervrnglkfa gvgggaipwv
421 sqggqnqrry fanhaftlva svtiheapra aspllgasld ssggkllgl sydekhqwqp
481 iygstpvtp gswetgkryh lvtmankig svyidgelle gsggtvvpdg rtpdishfyv
541 ggykrsdmpt ishvtvnnv1 lynrrqlnte eirtlflsqd ligteahmnd ssdssahstp
601 stpadssahs tpstpvdssa hstpstpads sahgtstpvp dssahgtstp padssahgtp
661 stpvdssahs tpstpvdssa hstpstpads sahgapstpa dssahgtstp pvdssahgtp
721 stpadssahs tpstpvdssa hstpstpads sahgtstpvp dssahgtstp padssahgtp
781 stpadssahg tpstpvdssa hstpstpads sahgtstpvp dssahgtstp pvdssahgtp
841 stpvdssahs tpstpvdssa hstpstpads sahgtstpvp padssahgtstp
901 stpvdssahs tpstpvdssa hgtstpvpads sahgtstpvp padssahgtstp
961 stpadssahs tpstpvdssa hgtstpvpads sahgtstpvp padssahgtstp
1021 stpvdssahs tpstpvdssa hgtstpvpads sahgtstpvp padssahgtstp
1081 stpadssahs tpstpvdssa hgtstpvpads sahgtstpvp padssahgtstp
1141 sggglllcac allhvffma vf

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Figure 26C

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1  MGKTVVVASR  MFWLMFFVPL  LLAICPSEPA  YALAPGSSRV  ELFKRKNSTV  PFEDKAGKVT
61  ERVVHSFRLP  ALVNVDGVMV  AIADARYDTS  NDNSLIDTVA  KYSVDDGETW  ETQIAIKNSR
121 VSSVSRVVDP  TVIVKGNKLY  VLVGSYYSSR  SYWSSHGDAR  DWDILLAVGE  VTKSTAGGKI
181 TASI KWGSPV  SLKKFFPAEM  EGMHTNQFLG  GAGVAIVASN  GNLVYPVQVT  NKKKQVFSKI
241 FYSEDDGKTW  KFGKGRSDFG  CSEPVALEWE  GKLIINTRVD  WKRRLVYESS  DMEKPVVEAV
301 GTVSRVWGPS  PKSNQPGSQS  SFTAVTIEGM  RVMLFTHPLN  FKGRWLRDRL  NLWLTDNQRI
361 YNVGQVSI GD  ENSAYSSVLY  KDDKLYCLHE  INTDEVYSLV  FARLVGELRI  IKSVLRSWKN
421 WSHLSSICT  PADPAASSSE  SGCGPAVTTV  GLVGFLSGNA  SQNVWEDAYR  CVNASTANAE
481 RVRNGLKFAG  VGGGALWPVS  QQGQNQR YRF  ANHAFTLVAS  VTIHEAPRAA  SPLLGASLDS
541 SGGKKLLGLS  YDEKHQWQPI  YGSTPVTPTG  SWETGKRYHL  VLTMANKIGS  VYIDGELLE G
601 SGQTVVPDGR  TPDISHFYVG  GYKRSDMPTI  SHVTVNNVLL  YNRQLNTEEI  RTLFLSQDLI
661 GTEAHM
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Figure 1C